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East Gloucestershire United Districts

(Comprising the Urban District of Cirencester and the Rural Districts of Cirencester, Northleach and Tetbury)

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR

1945

Taylor & Sons, Printers, Mere, Wilts.

East Gloucestershire United Districts

28, Victoria Road,

CIRENCESTER.

July, 1946.

LADIES AND GENTLEMEN,

I have pleasure in presenting my Report for the Year 1945.

The Vital Statistics reveal no trend calling for special mention; the health of the Districts continuing good.

With the end of the War, water and sewerage Schemes of great public health value, especially to the Rural Areas, were pushed forward as rapidly as possible, and one hopes that circumstances will permit of their being put into practice without undue delay.

Finally, a word of praise for the hard-working public health staffs.

I am,

Your obedient Servant,

DAVID BARCLAY.
Medical Officer of Health.

Cirencester Urban District Council

STAFF

Dr. D. Barclay, M.B., Ch.B., D.P.H., Medical Officer of Health.

Mr. A. Furniss, Cert. S.I.J.B., M.S.I.A., Sanitary Inspector.

Mr. A. A. Reid, Cert. S.I.J.B., Assistant Sanitary Inspector. (appointed 1st October, 1945).

GENERAL STATISTICS:

Area (acres)	5,844
Population (Census 1931)	7,203
Population, estimated 1945	10,890
No. of inhabited houses	2,491
do. do. Census 1931	1,886
Rateable value	£65,743
Sum represented by a penny rate	£267

RAINFALL.

During the year the rainfall was 27.87 inches, which is one inch less than last year. The figure quoted can be taken as being representative of the district within a radius of five miles.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

BIRTHS.

Live Births:	M.	F.	Total
Total	106	108	214
Legitimate	94	99	193
Illegitimate	12	9	21

Birth Rate per 1,000 *population*: 19.6 (*National Figure*: 16.1)

Still Births:	M.	F.	Total
Total	1	1	2
Legitimate	1	1	2

Stillbirth Rate per 1,000 *population*: 0.18 (*National Figure* 0.46)
,, ,, ,, ,, *Live Births*: 9.3.

DEATHS :	M.	F.	Total
Total	69	54	123

Death Rate per 1,000 *population* : 11.2 (*National Figure* : 11.4)

No. of women dying in, or in consequence of childbirth : nil.

Deaths of Infants under one year of age :

	M.	F.	Total
Total	6	4	10
Legitimate	6	4	10

Deaths under 1 *year per* 1,000 *Live Births* : 46.7.
(*National Figure* : 46).

Deaths from Measles, all ages	nil
,, ,, Whooping cough	nil
,, ,, Diarrhoea (under 2 years)	1
,, ,, Cancer	13

Average age at death, due to natural causes : 70.4 *years.*

CAUSES OF DEATH, 1945.

DISEASE.	Male	Female	Total
Heart Disease..	25	7	32
Intra Cranial Vascular Lesions ..	6	8	14
Cancer	5	8	13
Pneumonia	3	4	7
Bronchitis	2	2	4
Diseases of circulatory system ..	0	4	4
Con. mal., birth injuries, infant diseases ..	4	0	4
Nephritis	2	1	3
Premature Birth	1	2	3
Tuberculosis	0	3	3
Road Traffic Act and other violent causes ..	2	1	3
Appendicitis	2	0	2
Respiratory diseases	1	1	2
Diabetes	1	1	2
Diphtheria *	1	0	1
Ulcer of the stomach and duodenum	1	0	1
Diarrhoea under 2 years ..	1	0	1
Digestive diseases	1	0	1
All other causes	11	12	23
TOTAL	69	52	121

* Occurred outside the district

NOTIFICATIONS OF INFECTIOUS DISEASES.

DISEASES.	Total notifications.	Admitted to hospital.
Scarlet fever *	6	7
Diphtheria*	2	4
Pneumonia	4	3
Chicken pox	1	—
Sonne dysentery	1	—
Whooping cough	11	—
Measles	318	—

* The apparent discrepancy in the figures is due to the fact that patients are admitted to hospital under a tentative heading of Diphtheria or Scarlet Fever, which may not be confirmed on further investigation.

ABSENCES IN SCHOOLS DUE TO INFECTIOUS CONDITIONS.

DISEASE.	No.	DISEASE.	No.
Measles	136	Scabies	6
Chicken Pox	121	Pneumonia	2
Pediculosis	105	Diphtheria	2
Mumps	54	Conjunctivitis	2
Whooping cough	36	Coughs, colds, etc.	1
German measles	32	Ringworm	1
Impetigo	28	Jaundice	1
Scarlet fever	15		

Total absences due to Infectious conditions in Schools: 542.
Weekly percentage of absence due to Infectious Conditions: 1.02%
Average weekly attendance: 1010.

TUBERCULOSIS.

Notifications of New Cases.			Deaths.		
Male	Female	Total.	Male.	Female.	Total.
9	8	17.	0	3	3

Of the 17 new cases notified during 1945, 9 were pulmonary, 4 were glandular, the remainder being other sites.

Two patients were admitted to Standish House, six were treated at home through the County Tuberculosis Officer, seven

left the district, one patient died, and one was cured. All cases notified were under the age of fifty years.

JOINT INFECTIOUS DISEASES HOSPITAL.

During the year the total number of admissions to the Joint Infectious Diseases hospital was 32; 11 being patients from the Cirencester Urban District, 4 suffering from Diphtheria and 7 from Scarlet fever. 13 cases were admitted from the Cirencester Rural District, 6 from Tetbury and 2 from Northleach.

PROTECTION AGAINST DIPHTHERIA.

The following are the total numbers of children who completed the two injections for protection against Diphtheria during 1945 :—

0—4 years	5—14 years	TOTAL
148	20	168

SICK BAYS AND HOSPITALS.

Both the childrens' Evacuee Hospital and the Adult Sick Bay closed during the year, the respective dates of closing being August 5th, 1945 and June 30th, 1945.

EVACUEE CHILDRENS' HOSPITAL.

A total of 83 children were admitted; 39 from the Rural District of Cirencester and 31 from the Urban District. 13 were admitted from other areas in the County and outside.

The following are the conditions for which patients were admitted :—

Infectious conditions..	37
Other general conditions	24
Injuries	3
Observation	6
Convalescence	4
Malnutrition	3
Hysteria	2
Feeding supervision (infants)	2
Illness of mother	2

The average length of stay was 9.3 days.

ADULT SICK BAY.

The number of admissions to the Adult Sick Bay during the six months it was open was 9 males and 27 females, totalling 36.

SANITARY CIRCUMSTANCES.

Water Supply.

The supply of water from the Council's works at Baunton has continued to be satisfactory both for quality and quantity.

The water supply is chlorinated, and three samples of water as supplied have been taken during the year, each being found of a high standard of purity.

During the year 13 new connections have been made to the water mains, of which 11 were for Domestic Purposes serving 17 houses.

Nine samples of water were taken from private wells which were serving 14 houses.

Eight of these houses were provided with a supply from the Town's main, and six additional houses with Town Water after service of Notice in the previous year.

Swimming Baths.

The Swimming Baths continued to be very popular. The plant worked satisfactorily and no difficulties were experienced in the supply of chemicals.

Cleansing.

The collection of house refuse continued on a twice weekly basis, except for a short time over the holiday period when it was collected weekly.

Salvageable materials disposed of are as follows :—

	Tons	Cwts
Paper	91	18
Rags	1	6
Bones	2	10
Kitchen Waste ..	222	12
Fats	1	8
Bottles		11
Metals	3	2

Sewage and Drainage.

A scheme has been prepared for laying a new sewer from the Council's outfall works at Shorncote to the Siddington Road end of the Town.

This has yet to have the sanction of the Ministry of Health before the work can proceed.

Rivers and Streams.

All the rivers and streams in the district have been inspected from time to time, and evidence of pollution was observed in the Daglingworth stream only.

This was due to the effluent from the sewage works serving the camps in the Park being discharged into it.

The stream in question was cleaned out by the Army Authority and the fungoid growths removed. No further Nuisance has been observed.

Sanitary Inspections.

1.	Total Inspections made	2031
2.	Number of complaints dealt with	157
3.	Nuisances found	78
4.	Nuisances abated	54
5.	Statutory Notices served	10
6.	Preliminary Notices served	78
7.	Building Inspections (Council Houses) ..	109
8.	Drain Tests and inspections	53
9.	Housing Inspections	757
10.	Dairies and Cowsheds	88

Shop Acts.

Twenty-four visits have been made to shops in the town under the Shops Acts and no action other than the cleansing of the Sanitary Conveniences has been required.

Factories and Workshops.

One hundred and two inspections were made under the above Act.

Twenty-three visits were made to the Bakehouses and the annual cleansing of these premises has been carried out satisfactorily in every case, and generally speaking they have been kept clean and in good condition.

One Bakehouse had to be dealt with for Rat Infestation in the Flour Store.

Food Preparing Premises.

The 17 premises registered have been visited on 148 occasions during the year. The annual cleansing of these premises was found to have been carried out satisfactorily.

Twenty-seven visits have been made to the 12 registered Ice Cream Premises, and these were found to be satisfactory.

Dairies and Cowsheds.

The following licenses were granted under the Milk (Special Designations) Order during the year.

1 Pasturizing License.
2 Bottling Licenses for Tuberculin Tested Milk.
1 Dealer's License to sell Tuberculin Tested Milk.

The Pasturizing Plant at one establishment was inspected on many occasions, and although this was a very old type of apparatus, satisfactory pasturization was maintained, and all the samples taken complied with the required standard under the Order.

Several complaints were received relating to sour milk from one particular dairy. This was investigated and was found to be due to inefficient cleansing of bottles and shortage of labour in the Dairy. This case was put before the Manpower Board in order to see if arrangements could be made to increase the Staff. As very little improvement was effected the Proprietor of the Dairy was called upon to show cause why registration should not be cancelled. A warning was given by the Council and the Company were allowed to continue retailing without the registration being revoked. Special attention was devoted to this particular case and a great improvement was effected.

One of the main points here was that milk deliveries were very late, and in order to overcome this, electric delivery vehicles had been obtained.

Nineteen samples of milk were taken during the course of the year, and out of this number, seven were found to be unsatisfactory from a cleanliness point of view. Every case was investigated, and the necessary action taken to bring the milk up to the required standard.

One Dairy changed ownership, and a complete new sterilizing and bottling machine was installed effecting a considerable improvement.

The Dairies and Cowsheds were inspected several times during the course of the year, and attention was drawn in certain instances to the re-cleansing of the interior of the cowsheds.

Smoke Abatement.

No Nuisances were reported during the course of the year, but special attention has been paid to one of the chimneys from the Flour Mill and no Nuisance has been observed here.

Rats and Mice (Destruction) Act, 1919.

A further survey was carried out in the district by the County Council's Pests Officer, acting as Agent for the Council, many cases of Rat Infestation being dealt with.

Moveable Dwellings.

No new licenses were granted during the year. The two temporary licenses granted in 1914 expired and were not renewed.

Disinfestation of Premises.

Four premises have been fumigated after Bug Infestation and no further complaints have been received.

Nuisances under the Public Health Acts.

Seventy-four Nuisances were observed during the year, 54 were abated, work was in progress on some of the remaining properties and in the others action was being taken.

In one case it was necessary to bring the matter before the Court and a conviction was obtained here. The owner of the property was prosecuted and the work was carried out, subsequently abating the Nuisance.

Housing Acts.

During the year visits have been made to all applicants for Council Houses and their domestic circumstances investigated, special attention being paid to the state of the dwellings. Regard has also been paid to overcrowding and unhealthy conditions, appropriate action having been taken.

Notices have been served where necessary under the Housing and Public Health Acts.

Slaughterhouse and Meat Inspection.

As in the previous year four slaughterhouse licenses were granted. Two were for the Government Slaughterhouses, one was for the Bacon Factory and the last was issued to another Bacon Factory for use in the case of emergency.

Eighteen Slaughtermen's Licenses were granted during the year under the Slaughter of Animals Act, 1933.

Seven hundred and eleven visits were made to the Slaughterhouses and Bacon Factory during the year, and the following were slaughtered :—

Beasts.	*Sheep.*	*Calves.*	*Pigs.*
1,673	5,805	1,751	16,415

Practically all of the Beasts, sheep, calves and porker pigs were examined, but of the Bacon Pigs killed at the Factory 7647 were examined.

Particular attention was paid to the Casualties which came into the Slaughterhouses and Bacon Factory, and every assistance was given for examination by the owner of the Bacon Factory and the Ministry of Food Representative at the Slaughterhouses.

The total amount of meat and offal condemned during the year was 22 tons, 9 cwts, 1 qr., 23 lbs. This weight includes the carcases and all offal of 25 beasts, 21 sheep, 25 pigs and 2 calves.

In this district many casualties come into the Slaughterhouses, and these are often found to be totally unfit.

Other Foods.

Numerous inspections were made of foods at the various shops in the town, and during the year some 1182 tins of food including Meat, fish, fruit and vegetables were found to be unfit. In addition the following items were found to be unfit for human consumption and were destroyed.

630 lbs. Wet Fish.
4 cwts. Potatoes.
2 cwts. Beans.
241 lbs. Rolled Oats.
14 lbs. Smoked Ham.
14 lbs. Tea.
90 lbs. Sultanas.

703 tins of Corned Beef and Corned Mutton, weighing 621½lbs. were found to be unsound at the Wholesale Meat Suppliers Association Depot (Ministry of Food).

Cirencester Rural District Council

STAFF.

Dr. D. Barclay, M.B., Ch.B., D.P.H., Medical Officer of Health.
Mr. R. N. Hughes, M.S.I.A., Cert. S.I.B., Sanitary Inspector.
Mr. G. L. McCann, Cert. S.I.B., Additional Sanitary Inspector.

GENERAL STATISTICS.

Area (acres)	82,790
Population (Registrar General) 1945	12,160
do. Census, 1931	12,205
No. of inhabited houses, 1945	3,625
do. Census 1931	3,280
Rateable value	£72,765
Sum represented by 1d. Rate	£290

RAINFALL.

The Rainfall for 1945 showed a decrease on the previous year's figure of one inch, the total being 27.87 inches, this figure being representative of the country within five miles of the Air Ministry Meteorological Office in Somerford Road, Cirencester.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

BIRTHS.

Live Births :	M.	F.	Total
Total	121	106	227
Legitimate	109	82	191
Illegitimate	12	24	36

Birthrate per 1,000 *Population* : 18.6 (*National Figure* : 16.1)

Still Births :	M.	F	Total
Total	1	1	2
Legitimate	1	—	1
Illegitimate	—	1	1

Stillbirth Rate per 1,000 *Population* : 0.16 (*National figure* 0.46)
Stillbirth Rate per 1,000 *Live births* : 8.81.

DEATHS.	M.	F.	Total
Total	67	89	156

Death Rate per 1,000 *Population* : 12.8 (*National Figure* : 11.4)

No. of women dying in, or in consequence of, childbirth : nil.

Deaths of infants under one year of age :

	M.	F.	Total
Total	3	7	10
Legitimate	1	6	7
Illegitimate ..	2	1	3

Deaths under 1 *year per* 1,000 *Live births* : 44.06
(*National Figure* : 46)

Deaths from :—

Measles	nil
Whooping cough ..	1
Diarrhoea (under 2 years)	1
Cancer	18

Average age at death due to natural causes :—71.4 *years.*

CAUSES OF DEATH, 1945.

DISEASES.	M.	F.	TOTAL.
Heart Disease	10	25	35
Intra Cranial Vascular Lesions ..	10	12	22
Cancer, all sites	9	9	18
Pneumomia	5	3	8
Bronchitis	1	5	6
Digestive diseases	1	5	6
Diseases of Circulatory system ..	3	2	5
Premature birth	1	3	4
Tuberculosis	3	—	3
Ulcer of stomach or duodenum ..	2	1	3
Con. mal., birth injuries, infant diseases	1	2	3
Appendicitis	—	2	2
Road Traffic Act	1	1	2
Other violent causes	2	—	2
Influenza..	1	1	2
Whooping cough	—	1	1
Diabetes	—	1	1
Diarrhoea, under 2 years	—	1	1
Nephritis..	—	1	1
All other causes	17	14	31
	TOTAL	..	.. 156

NOTIFICATIONS OF INFECTIOUS DISEASES.

DISEASE.	Number of notifications.	Admitted to hospital.
Scarlet fever	11	11
Diptheria	1	1
Pneumonia	11	—
Measles	214	—
Whooping cough	31	—
Dysentery	8	—
Ophthalmia neonatorum	1	—
Cerebro spinal meningitis	1	—
Ac. polio myelitis	1	—

ABSENCES IN SCHOOLS DUE TO INFECTIOUS CONDITIONS.

DISEASE.	No.	DISEASE.	No.
Measles	191	Scabies	11
Chicken pox	91	Pediculosis ..	7
Mumps	52	German Measles ..	4
Whooping cough	73	Ringworm . ..	3
Coughs, colds, etc. ..	64	Tonsilitis ..	1
Impetigo	25		
Jaundice	38		
Scarlet Fever	7		567

Total absences due to infectious conditions in schools : 567.
An average weekly attendance of 1354 *gives an absence rate of* 0.8%

TUBERCULOSIS.

New Cases, 1945.			*Deaths*, 1945.		
M.	F.	Total	M.	F.	Total
9	5	14	—	3	3

Nine of the 14 new cases of Tuberculosis, notified in 1945, were Pulmonary, 4 glandular, and 1 an infection of the hip. Four were members of H.M. Forces and were treated in Service Hospitals, four patients were admitted to hospitals outside the district and six were treated at home under the supervision of the County Tuberculosis Officer.

JOINT INFECTIOUS DISEASES HOSPITAL.

A total number of 32 cases were admitted to the Joint Infectious Diseases Hospital, Cirencester, during the year, 12 of these from the Cirencester Rural District. Ten were cases of Scarlet fever, one case of diphtheria and one case of poliomyelitis. In addition, four other cases were admitted for observation and further investigation.

PROTECTION AGAINST DIPHTHERIA.

The following are the total numbers of children who completed the two injections for protection against Diphtheria during 1945 :

0—4 *years*	5—14 years	*Total*
136	36	172

BAUNTON MILL ISOLATION HOSPITAL.

Baunton Mill Isolation hospital closed during the year, on October 15th, 1945. During that time the total admissions were 76, comprising patients from the following districts :—

Cirencester Rural	11
Cirencester Urban	40
Northleach Rural	1
Outside E.G.U.D.	24
Total ..	76

Twenty of the total number of children treated were evacuees.

The following are the details of the infectious conditions for which admission was arranged for treatment or for observation.

Diphtheria contacts	23
Impetigo	1
Chicken pox	5
Measles	35
Jaundice	2
Whooping cough	9
Tonsilitis	1
TOTAL	76

SANITARY CIRCUMSTANCES.

Water Supplies.

The area of the district supplied by statutory undertakings remained unchanged.

The water scheme for the provision of a piped supply to the Parish of Siddington was near completion in December, 1945 and work on the scheme for the Parish of Down Ampney was proceeding.

The water supply in the Parishes of Preston and Sapperton proved inadequate and schemes are in hand for water supply improvements in these Parishes.

In the parish of Poulton difficulty was experienced owing to insufficient pressure throughout the built-up areas of the village, a scheme is in hand to provide a new water main of adequate size laid through the village.

Samples.

The water from the Council's four undertakings is chlorinated and the results of thirteen samples of the water, examined by the Public Analyst were all found to be satisfactory, with the exception of one sample which was found to be fairly satisfactory.

Ten water samples from private supplies were submitted to the Public Analyst with results as follows :—

" Not entirely satisfactory for a Public Supply "	1
" Bacteriological condition not satisfactory for human consumption "	3
" Number of B.Coli. too high "	3
" Satisfactory "	2
" Totally unfit for human consumption " ..	1

In the cases where unsatisfactory results of analysis were obtained, action was taken which brought about the desired results.

Particulars of the Number of Dwellings of the Population Supplied From Public Supplies Are As Follows :—

		Population
Dwelling houses served from public mains direct into the houses ..	318	954
Dwelling houses served from public mains by means of standpipes	144	432
Dwelling houses served from private piped supplies	1,010	3,000

Sewage.

No new works were undertaken by the Council and conditions remain as last year. The improvement of the sewerage system at Fairford was considered by the Council and their Consulting Engineer was instructed to prepare an improvement scheme.

Cleansing of the three sewage outfalls at Lechade and sewage tanks at North Cerney was carried out by a mechanical cesspool emptier under contract during the year.

Refuse Collection and Disposal.

Refuse collection in the 35 parishes was carried out by Contract. The Refuse tip at Daglingworth was closed during the year and the two Refuse tips in the parishes of Fairford and Siddington were controlled by direct labour together with periodical labour and the use of a bulldozer from the American Military Authorities.

Salvage.

Salvage continues to form part of the refuse collection contract, and the following quantities of salvable materials were dealt with during the year :—

	Tons	Cwts.
Paper	23	15
Rags, etc.	11	19
Bones	2	4
Iron	2	10
Non ferrous metals ..		5

New Building.

Plans respecting the following work were submitted to the Council :—

New Houses	15 (1 completed, 1 disapproved)
Alterations or additions to dwellings.. ..	34
Conversion of Barn to dwelling house	1
Drainage improvements ..	8
New Garages	6
Sheds, etc.	4

New Agricultural Buildings ..	9
Addition to School	1
Alterations to Cowsheds and Dairies	4
Development of land ..	3
Conversion of building into Store	1
Erection of gravel washing and block making plants ..	2
New gravel pit	1
Alteration of Garage ..	3
Erection of fried fish shop ..	1
Erection of workshop ..	1
Moveable dwelling	1

Circular 2871.

Twenty six applications for building licenses to improve and restore housing accommodation were supported by the Council and granted by the Ministry of Works.

Building Licenses.

From the commencement of building licenses in August 1945, to December 31st 1945, applications numbered 147, and 141 were granted.

Housing—Council Houses.

Houses provided by the Council now number 266.

442 complaints from Council House tenants were investigated and dealt with.

Housing Survey.

Work on the survey continued throughout the year. The parishes of Kempsford, Sapperton, North Cerney, Colesbourne and Rendcomb were completed and 437 inspections were carried out during the year.

Inspections and Supervision of Foods.

Number of registered cowsheds	216
Number of cowsheds inspected	105
Total number of inspections	127

Non-compliance with provisions of Milk and Dairies Order,

1926 was observed in 45 instances, all of which were dealt with by informal action.

Meat and Other Foods.

The following unsound food was condemned as unfit for human consumption :—

Meat	30 lb.
Liver	550 ,,
Bacon	23 ,,
Canned meat	36½ ,,
Other canned foods ..	10 ,,
Fish	168 ,,
Meat pies	550 ,,

Summary of Inspections Etc. Carried Out.

Total Inspections made	2797
Number of complaints dealt with	180
Nuisances found	88
Nuisances abated	61
Nuisances reported to the Council	1
Statutory notices served	1
Preliminary notices served	58
Inspections under Housing Act (Survey)	437
Samples of Water submitted for analysis	
(a) Public supplies	13
(b) Private supplies	10
New connections to the Council's water mains.. ..	10
Infectious diseases inspections	26
Houses repaired (excluding Council houses)	98
Houses disinfected	20
Council houses repaired	364
Inspections of Water Mains etc.	334
Inspections of sewage and drainage works	143
Inspections in connection with Refuse Disposal ..	138
Inspections of factories	95
Inspections of bakehouses	16
Inspections of cowsheds and dairies	127
Inspections of food premises	42
Inspections of work in progress	249
New building inspections	208
Miscellaneous	334
Inspections under the Public Health Act	190
Revisits under the Public Health Act and Housing Act	209
Inspections under the Shops Act	35

Northleach Rural District Council

STAFF.

Dr. D. Barclay, M.B., Ch.B., D.P.H., Medical Officer of Health.

Mr. A. S. Green, A.R.S.I., M.S.I.A., Sanitary Inspector.

Mr. E. I. Ells, Assistant to Sanitary Inspector.

GENERAL STATISTICS.

Area (acres)	74,912
Population, Census 1931	7,761
do. Registrar General 1945	7,502
No. of inhabited houses—Census 1931	2,212
do. 1945	2,308
Rateable value	£34,818
Sum represented by 1d. rate	£143

RAINFALL.

The total rainfall in 1945 shows a decrease on the 1944 total of nearly half an inch, the year's precipitation being 25.74 inches.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

BIRTHS.

Live Births.	M.	F.	Total
Total	78	57	135
Legitimate	68	48	116
Illegitimate	10	9	19

Birth Rate per 1,000 *population* : 17.9 (*National Figure* : 16.1).

Still Births.	M.	F.	Total
Total	—	1	1
Legitimate	—	1	1

Still birth rate per 1,000 *Population* : 0.13 (*National Figure* : 0.46)

Still birth rate per 1,000 *Live births* : 7.4.

DEATHS	M.	F.	Total
Total	54	56	110

Death Rate per 1,000 *Population* : 14.6 (*National Figure* : 11.4)

No. of women dying in or in consequence of childbirth : 1.

Deaths of Infants under 1 *year of age.*

	M.	F.	Total
Total	3	1	4
Legitimate	2	0	2
Illegitimate	1	1	2

Deaths under one year per 1,000 *Live Births* : 29.6.
(*National Figure* : 46)

Deaths from—	Measles	nil
	Whooping cough	nil
	Diarrhoea (under 2 years)	nil
	Cancer	19

Average age at death due to natural causes : 70.6 *years.*

CAUSES OF DEATH, 1945.

DISEASE.	Male	Female	TOTAL.
Heart Disease..	19	14	33
Cancer, all sites	9	10	19
Intra Cranial Vascular Lesions	5	12	17
Bronchitis	2	7	9
Nephritis	2	4	6
Con. mal. birth inj. inf. dis.	3	1	4
Road Traffic Act	1	2	3
Pneumonia	3	—	3
Circulatory diseases	1	2	3
Tuberculosis	2	1	3
Violent cause	2	—	2
Premature birth	1	—	1
Suicide	1	—	1
Maternal causes	—	1	1
Appendicitis	1	—	1
All other causes	2	2	4

NOTIFICATIONS OF INFECTIOUS DISEASES.

DISEASE.	Total notifications	Admitted to hospital.
Scarlet Fever	7	6
Diphtheria	0	0
Pneumonia	11	—
Whooping cough	15	—
Erysipelas	2	0
Measles	211	—

ABSENCES IN SCHOOLS DUE TO INFECTIOUS CONDITIONS.

DISEASE.	No.	DISEASE.	No.
Measles	168	German measles	13
Chicken pox	47	Pediculosis	7
Whooping cough	35	Scarlet fever	5
Mumps	19	Jaundice	4
Scabies	19	I.A.T.	4
Impetigo	17	Tonsilitis	2
Coughs, colds, ets. ..	16	Conjunctivitis	1
Ringworm	15		
		TOTAL	372

Weekly percentage of absence due to infectious conditions, 1.1%

TUBERCULOSIS.

New notifications, 1945.

M.	F.	Total.
4	1	5

Deaths, 1945.

M.	F.	Total
2	1	3

A decrease in the total number of new cases of Tuberculosis is shown in the 1945 figure of 5 which is more than 50% lower than the previous year's total. All cases were of lung infection, three having a fatal termination. One case is receiving treatment under the County Tuberculosis Officer, the other being an ex-member of the Royal Air Force who left the district shortly after the date of notification.

JOINT INFECTIOUS DISEASES HOSPITAL, CIRENCESTER.

Two patients from the Northleach Rural District were admitted to the Joint Infectious Diseases Hospital, Cirencester. Both were suffering from Scarlet Fever.

PROTECTION AGAINST DIPHTHERIA.

The following are the total numbers of children who completed the two injection sfor protection against diphtheria :

0—4 *years*	5—15 *years*	*Total*
109	12	121

SANITARY CIRCUMSTANCES.

The district, comprising 26 Parishes, is almost wholly agricultural. The estimated population for this year shows a figure below that of the census of 1931.

During the year the Council's consulting engineers were instructed to prepare a comprehensive water and sewerage scheme for the whole district. By the end of the year a scheme had been considered by the council and approved. The two proposed sources were being measured periodically to ascertain their minimum yield. The scheme embraces all the parishes in the district. At present only Northleach is supplied by the Council, the remaining parishes being supplied, in the main, from private sources.

Water Samples.

During the year 23 samples of water were submitted to the Public Analyst, with the following results :—

3 satisfactory, 16 fairly satisfactory, and 4 unsatisfactory. Most of the water in the district is derived from limestone formations and is of a hard nature. There is no plumbo-solvent action. None of the supplies receive treatment by chlorination.

Refuse Collection.

It was possible, during the year, to bring the parish of Whittington into the refuse collecting scheme. The question of the Council undertaking the refuse collection by direct labour was considered and approved and as soon as conditions allow it is hoped to serve every parish.

River Pollution.

The brook at Brockhampton gave rise to complaint, having become polluted from an overloaded sewage system. The brook was cleaned out and efforts made to reduce the load on the system. The institution concerned closed during the year and so the cause was removed.

Inspections.

Numbers inspected of each of the following :—

	No. on Register.	*No. inspected.*	*Total No. of inspections.*
Butchers' premises ..	6	6	48
Bakehouses ..	9	9	21
Food shops ..	9	9	40
Dairies and Cowsheds	118	118	134

During the year 48 one-pound tins of Meat and Vegetable were condemned as unfit for human consumption.

Housing Generally.

The number of Council Houses erected and occupied remains the same as last year, namely, 48.

Various sites have been inspected and approved by the Plans Committee during the year, and the Council's Architect was instructed to prepare layout plans for the sites.

The Licensing of Building works of £10 in cost was made the responsibility of the Council in September. The Housing Surveyor being instructed to issue the necessary certificates on being satisfied that the work was in accordance with the Ministry of Health's Circulars. The number of licenses issued to the end of the year was 108.

Inspection of Houses. The survey and recording of houses under the Housing Survey was commenced in July. The total number of houses inspected to the end of the year was 438 out of a total of 2090 to be inspected.

Tetbury Rural District Council

STAFF.

Dr. D. Barclay, M.B., Ch.B., D.P.H., Medical Officer of Health.
Mr. J. Gibbons, Cert.R.S.I., Sanitary Inspector.

GENERAL STATISTICS.

Area, acres	31,781
Population, census 1931	5,932
do. estimated 1945 (R.G.)	5,641
Number of inhabited houses, Census 1931 ..	1,664
do. 1945 ..	1,930
Rateable value	£28,838
Sum represented by a penny rate	£126.

RAINFALL.

There was a slight decrease in the year's rainfall for 1945, the figure being 26.14 inches. On the higher ground to the immediate West of Tetbury the year's precipitation probably slightly exceeded 30 inches.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

BIRTHS.

Live Births.	M.	F.	Total
Total	51	49	100
Legitimate	43	47	90
Illegitimate	8	2	10

Birth rate per 1,000 *Population* : 17.7 (*National Figure* : 16.1)

Still Births.	M.	F.	Total
Total	3	1	4
Legitimate	3	1	4

Still Birth Rate per 1,000 *Population* : 0.70 (*National Figure* : 0.46

Still Birth Rate per 1,000 *Live Births* : 40 (*National Figure* : 46)

DEATHS.

	M.	F.	Total
Total	39	50	89

Death Rate per 1,000 *Population* : 15.7 (*National Figure* : 11.4)

Number of women dying in, or in consequence of, childbirth : *Nil.*

Deaths of Infants under one year of age :

	M.	F.	Total
Total	2	2	4
Legitimate	2	2	4

Deaths under one year per 1,000 *Live Births* : 40.

(*National Figure* : 46)

Deaths from :—	Measles (all ages)	nil
	Whooping cough	1
	Diarrhoea (under 2 years)	—
	Cancer ..	11

Average age at Death due to Natural Causes : 70.4 *years.*

CAUSES OF DEATH, 1945.

DISEASE.	Male.	Female.	TOTAL
Heart Disease	8	16	24
Intra Cranial Vascular Lesions ..	4	10	14
Cancer, all sites	6	5	11
Tuberculosis	2	4	6
Nephritis	3	3	6
Con. mal., birth inj., inf. dis.	2	1	3
Violent causes	2	1	3
Bronchitis	2	1	3
Pneumonia	1	1	2
Digestive diseases	1	1	2
Road Traffic Act	1	1	2
Circulatory diseases	2	—	2
Whooping cough	—	1	1
Syphilitic diseases	—	1	1
Premature birth	—	1	1
All other causes	5	3	8

NOTIFICATIONS OF INFECTIOUS DISEASES.

DISEASES.	Total notifications.	Admitted to hospital.
Measles	72	—
Whooping Cough	34	—
Scarlet Fever	5	4
Pneumonia	11	9
Cerebro Spinal Meningitis	2	2
Erysipelas	1	—
Sonne Dysentery	1	—
Ophthalmia Neonatorum	1	1
Undulant Fever	2	2
Acute Polio Myelitis	1	1

ABSENCES IN SCHOOLS DUE TO INFECTIOUS CONDITIONS.

Disease.	No.	Disease.	No.
Whooping cough ..	39	Measles	3
Impetigo	30	German Measles	3
Coughs, colds, etc. ..	22	Conjunctivitis	2
Mumps	21	Tuberculosis	2
Chicken Pox	14	I.A.T.	4
Scabies	8	Ringworm	1
Scarlet Fever	11	Pediculosis	1
Cerebro Spinal Meningitis	1		
		TOTAL	162

Weekly percentage of absence due to infectious conditions :—0.5.

TUBERCULOSIS.

Notifications of New Cases.			*Deaths.*		
M.	F.	Total	M.	F.	Total
6	7	13	2	4	6

13 new cases of Tuberculosis were reported during the year; 6 male and 7 female. 10 were infections of the lungs, 2 were glandular, and one bone infection. Four cases had a fatal termination, dying at an average age of 34 years, three of whom were members of H.M. Forces, and one a nurse. 2 patients

were admitted to Standish house and six were treated at home under the supervision of the County Tuberculosis Officer, one patient left the district.

CIRENCESTER JOINT INFECTIOUS DISEASES HOSPITAL.

Six patients from the Tetbury Rural District were admitted during the year to the Joint Infectious diseases Hospital, Cirencester. Four were treated for Scarlet Fever, and two for Diphtheria.

PROTECTION AGAINST DIPHTHERIA.

The following are the total numbers of children who completed the two injections for protection against diphtheria :—

0—4 *years.*	5—15 *years.*	*Total.*
83	3	83

SANITARY CIRCUMSTANCES.

Water Supply.

Tetbury. The supply in this Parish has been satisfactorily maintained during the year both in quality and quantity. The electric submersible pump on hire from the Harland Engineering Co., Ltd., gave very satisfactory service. Pumping level of the well in which this pump is fixed never dropped below 200 feet whilst being used on an average of seven hours per day at a capacity of approximately 9,000 gallons per hour. No. 2 borehole was used as a standby, the engine and pump being kept in good condition by being run once a week for a few hours.

Early in the year the Parochial Committee decided to replace the old pump in No. 1 borehole with a new electrically driven borehole pump of 12,000 capacity using the rising main and shafts of the old pump as recommended by their Consulting Engineers, Messrs. Ross, Hooper and Harvey, of Chippenham. It is hoped that the new pump will be ready early in the new year.

25,751,400 gallons of water were pumped during the year, 5,047,000 gallons being supplied to the R.A.F. Station, Babdown, giving an average daily consumption by the R.A.F. of 14,000 gallons. The average daily consumption in Tetbury amounted to 57,000 gallons, equal to 25 gallons per head of the population.

All of the 691 houses in the parish are supplied by the Council's undertaking.

Five samples of the water were taken during the year, all of which were satisfactory.

Didmarton, Long Newnton, and Shipton Moyne.

The above Parishes are in the area of the West Gloucester Water Company Ltd., who supply most of the area by standpipes and direct connections. Outlying parts of the parishes are supplied by private undertakings and wells.

The remaining nine parishes are dependent on small private supplies, wells, and springs incapable of carrying increased demands.

522 inspections in connection with water supplied were made during the year.

Messrs. Ross, Hooper and Harvey, of Chippenham, submitted their report on a Regional Scheme of water supply for the Tetbury Rural District which was approved in principal by the Council and forwarded to the Gloucestershire County Council and Ministry of Health for their observation.

The proposed Scheme is as follows :—

PARISH.	WATER TO BE SUPPLIED BY—
Ashley	West Gloucester Water Company.
Avening	Stroud Water Board.
Beverston ..	Tetbury Rural District Couvcil
Boxwell with Leighterton	West Gloucester Water Company.
Cherington ..	Stroud Water Board.
Didmarton ..	West Gloucester Water Company.
Kingscote ..	Private supply.
Long Newnton	West Gloucester Water Company.
Ozelworth ..	Private supply.
Shipton Moyne ..	West Gloucester Water Company.
Tetbury	Tetbury Rural District Council.
Tetbury Upton ..	Tetbury Rural District Council.
Westonbirt with Lasborough	Westonbirt School Water supply.

SEWAGE AND DRAINAGE.

Tetbury is the only parish in the area with a drainage system and disposal works. The works have been maintained during the year in a satisfactory condition.

The Council have requested their Consulting Engineers to

prepare a draft scheme for the drainage of 7 parishes together with detailed schemes for the parishes of Avening and Didmarton.

119 inspections were made in connection with the Tetbury drainage system and works during the year.

PUBLIC CLEANSING.

Additional labour was obtained early in the year which enabled the Council's refuse collecting scheme to be extended as follows :—

Parish.	Frequency of collection.
Ashley	Nil
Avening	Weekly
Beverston	Monthly
Boxwell with Leigherton ..	,,
Cherington	,,
Didmarton	,,
Kingscote	,,
Long Newnton	,,
Ozelworth	Nil
Shipton Moyne	Monthly
Tetbury	Twice weekly
Tetbury Upton	
Twelve acres	Monthly
Charlton	
Ilsom	
Westonbirt with Lasborough ..	Nil

The Council now has eight refuse disposal tips.

There has been a serious decline in the amount of salvage collected during the latter part of the year. Salvage is collected from householders by voluntary workers in all parishes except Tetbury where one collection a week is devoted to salvage only. Each village has a depot from which the salvage is collected monthly.

The number of inspections in connection with house refuse and salvage made during the year was as follows :—

	1944 Tons	1945 Tons
Waste paper	41¼	21¼
Bones	2¼	1¼
Textiles	4¼	2
Bottles	2¾	1
Kitchen waste	30	16 (approx.)
Metal	80	3¼
TOTALS ..	160½	44¾

The collection of kitchen waste was discontinued during the year and only heavy metals were disposed of for salvage.

River Pollution.

No complaint of river pollution arose during the year.

Factories and Workshops.

Some 30 inspections were made of factories and workshops. Two cases of inadequate lavatory accommodation arose, one of which has been remedied, the other is in hand.

Sanitary Inspections.

Number of inspections made	366
Complaints received	165
Nuisances discovered	127
Nuisances abated	121
Number of houses disinfected	8

Housing Acts.

1. Inspection of dwelling houses during the year :—

(a)	1.	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	184
	2.	Number of inspections made	351
(b)	1.	Number of dwelling houses included under sub-section (1) above which were inspected and recorded under the Housing (Consolidation) Regulations	21
	2.	Number of inspections made	64
		Remedy of defects during the year without service of formal notice	12

Council Houses.

The Council has 98 houses in the area as follows :—

Ashley	2
Avening	12
Boxwell with Leighterton	5
Tetbury	79
TOTAL ..	98

287 inspections were made in connection with repair and maintenance of Council houses.

The Council approved plans prepared by Messrs. Gordon Payne & Partners, Gloucester, for thirty two houses to be erected

at Lowfield Road, Tetbury. The Scheme included the following types of houses :—

1 bedroom (aged persons)	.. ..	4
2 ,, (Nurses' homes)	..	1
3 ,, ...	..	24
4 ,, ...	..	3
TOTAL		32

A negotiated Tender was obtained from Messrs. Holborow & Sons, Ltd., Tetbury, and was submitted to the Ministry of Health in December for their approval.

New Buildings.

The number of plans submitted to the Council for their approval under Town Planning and Byelaws was 28, of which 10 were new houses and 3 conversions of buildings into living accommodation.

No new houses were erected during the year. 174 inspections were made in connection with work in progress.

As from 1st August, 1945, the Council accepted the responsibility of licencing Civil Building and 57 licences together with the necessary Certificates to purchase were issued on behalf of the Ministry of Works. 7 certificates of Essentiality were forwarded to the Regional Licensing Office, Ministry of Works.

Milk Supply.

The number of inspections carried out during the year was 44.

Number of Retail producers	..	26
Number of producers ..	..	28
Number of retail purveyors	..	2
TOTAL	..	56

Nine samples of milk were taken during the year.

Meat and Other Foods.

All meat is killed outside the area, but 22 visits were made to butchers and food shops. The following food was condemned as unfit for human consumption :—

74 tins of foodstuffs.
1 cwt. 2 qrs. of other foods, including rice, fish, sugar and fats.